

IN THE CLAIMS:

1. (currently amended) A self-propelled, walk-behind floor stripping machine for removing adhesively bonded floor coverings comprising:

a main body having a drive axle and a pair of drive wheels affixed to the drive axle;

a floor engaging cutting head member attached to the main body;

an electric motor mounted on said main body and mechanically connected to the cutting head member to provide a motion thereto;

a hydraulic pump attached to the main body and coupled to be driven by the electric motor, the hydraulic pump coupled to a hydraulic fluid reservoir attached to the main body, the hydraulic pump having a suction inlet coupled to the hydraulic fluid reservoir, and a pressure outlet coupled through a hydraulic valve to a hydraulic motor attached to the main body at a location offset from the drive axle, the hydraulic motor having an output shaft coupled to said drive axle for driving the pair of drive wheels.

2 (original). The self-propelled, walk-behind floor stripping machine of claim 1 wherein the hydraulic valve controls the direction of rotation of the pair of drive wheels.

3 (original). The self-propelled, walk-behind floor stripping machine of claim 1 wherein the hydraulic valve controls the speed of rotation of the pair of drive wheels.

4 (original). The self-propelled, walk-behind floor stripping machine of claim 2 wherein the hydraulic valve controls the speed of rotation of the pair of drive wheels.

5 (original). The self-propelled, walk-behind floor stripping machine of claim 1 where
a handle is attached to the main body for steering and handle bars are attached to
the handle.

6 (previously amended). The self-propelled, walk-behind floor stripping machine of
claim 5 where

the hydraulic valve and hydraulic lines connected thereto are in the handle.

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11 (currently amended). A self-propelled, walk-behind floor stripping machine,
comprising:

a frame;
an axle having a pair of ground-engaging wheels thereon journaled for rotation on
the frame;
a scrapper blade assembly resiliently mounted to the frame;
an electric motor mounted to the frame for imparting oscillatory movement to the
scrapper blade assembly;
a hydraulic circuit including a hydraulic pump, a hydraulic fluid reservoir, a
hydraulic motor and a control valve mechanism, the hydraulic pump being driven by the
electric motor to circulate hydraulic fluid from the hydraulic fluid reservoir to the
hydraulic motor via the control valve mechanism; and
the hydraulic motor being affixed to the frame at a location offset from the axle
and coupled in driving relation to the axle.

¹⁰
8 (original). The self-propelled, walk-behind floor stripping machine of claim ~~7~~ wherein the control valve mechanism controls the direction of rotation of the pair of ground-engaging wheels.

¹¹
9 (previously amended). The self-propelled, walk-behind floor stripping machine of claim ¹⁰ ~~7~~ wherein the hydraulic valve mechanism controls the speed of rotation of the pair of ground engaging wheels.

¹²
10 (previously amended). The self-propelled, walk-behind floor stripping machine of claim ¹¹ ~~8~~ wherein the hydraulic valve mechanism controls the speed of rotation of the pair of drive wheels.

¹³
11 (original). The self-propelled, walk-behind floor stripping machine of claim ¹² ~~10~~ wherein

a safety valve in the hydraulic valve mechanism relieves pressure in the hydraulic circuit.

¹⁴
12 (original). The self-propelled, walk-behind floor stripping machine of claim ¹² ~~10~~ wherein

a valve in the hydraulic circuit provides hydraulic fluid flow from the pump to the tank while the electric motor powering the pump is running to lower the hydraulic fluid temperature and let the electric motor run cooler.

¹⁸
~~13~~ (previously amended). The self-propelled, walk-behind floor stripping machine as in
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~~claim 7~~ and further including a handle member coupled at a first end to the frame and
having first and second hand grips at a second end thereof and wherein said control valve
mechanism and hydraulic lines are mounted in the handle.

¹⁹
~~14~~ (original). The self-propelled, walk-behind floor stripping machine as in claim ¹⁸
wherein the control valve mechanism includes solenoid-operated cartridge valves and
first and second control switches coupled in circuit with the solenoid-operated cartridge
valves, the control switches being disposed on the first and second hand grip members,
respectively.

²¹
~~15~~ (original). The self-propelled, walk-behind floor stripping machine as in claim ¹⁸
wherein the control valve mechanism includes a control device for regulating the rate of
flow of hydraulic fluid from the hydraulic pump to the hydraulic motor.

²⁰
~~16~~ (original). The self-propelled, walk-behind floor stripping machine as in claim ¹⁹
wherein the control valve mechanism circulates hydraulic fluid from the hydraulic pump
to the hydraulic fluid reservoir when neither of the first and second control switch is
actuated.

¹⁵
~~17~~ (original). The self-propelled, walk-behind floor stripping machine as in claim ¹⁸
wherein a handle is attached to the main body for steering.

18 (original). The self-propelled, walk-behind floor stripping machine as in claim *17*
wherein,

the control valve mechanism is in the handle.

22 *19* (currently amended). A self-propelled, walk-behind floor stripping machine for
removing adhesively bonded floor coverings comprising:

a main body having a drive axle and a pair of drive wheels affixed to the drive
axle;

a floor engaging cutting head member attached to the main body;
an electric motor mounted on said main body and mechanically connected to the
cutting head member to provide a motion thereto;

a hydraulic pump attached to the main body and coupled to be driven by the
electric motor, the hydraulic pump coupled to a hydraulic fluid reservoir attached to the
main body, the hydraulic pump having a suction inlet coupled to the hydraulic fluid
reservoir, and a pressure outlet coupled through a hydraulic valve to a hydraulic motor
attached to the main body at a location displaced from the drive axle, the hydraulic motor
having an output shaft coupled to said drive axle for driving the pair of drive wheels,

a handle having a first end attached to the main body, the handle having a second
end with a first handle bar and a second handle bar on opposite sides of the handle,

an hydraulic valve system in the handle,
a first hydraulic line running from the hydraulic pump to the hydraulic valve
system, to provide pressurized hydraulic fluid to the hydraulic valve system,

a second hydraulic line running from the hydraulic valve system, to the hydraulic reservoir to return the hydraulic fluid to the hydraulic reservoir,

a third hydraulic line running from the hydraulic valve system, to the motor for delivering hydraulic fluid for running the motor in a first direction, or returning the hydraulic fluid to the hydraulic valve system,

a fourth hydraulic line running from the hydraulic valve system, to the motor for delivering hydraulic fluid for running the motor in a second direction, or returning the hydraulic fluid to the hydraulic valve system,

the first handle bar having an electrical switch connected to a solenoid for activating a control valve in the hydraulic valve system to run the hydraulic motor in the first direction,

the second handle bar having an electrical switch for connected to the solenoid for activating the control valve in the hydraulic valve system to run the hydraulic motor in the second direction.

7 ²⁰ (previously added). A self-propelled, walk-behind floor stripping machine for removing adhesively bonded floor coverings as in claim 1 wherein,

a speed control valve in the hydraulic valve system regulates the speed of the hydraulic motor.

21 (previously added). A self-propelled, walk-behind floor stripping machine for removing adhesively bonded floor coverings as in claim 1 wherein,

 a pressure safety valve the hydraulic valve system relieves pressure in the hydraulic system.

22 (previously added). A self-propelled, walk-behind floor stripping machine for removing adhesively bonded floor coverings as in claim 1 wherein,

 an electrical switch on the handle to turn on or turn off electricity running to the electric motor.